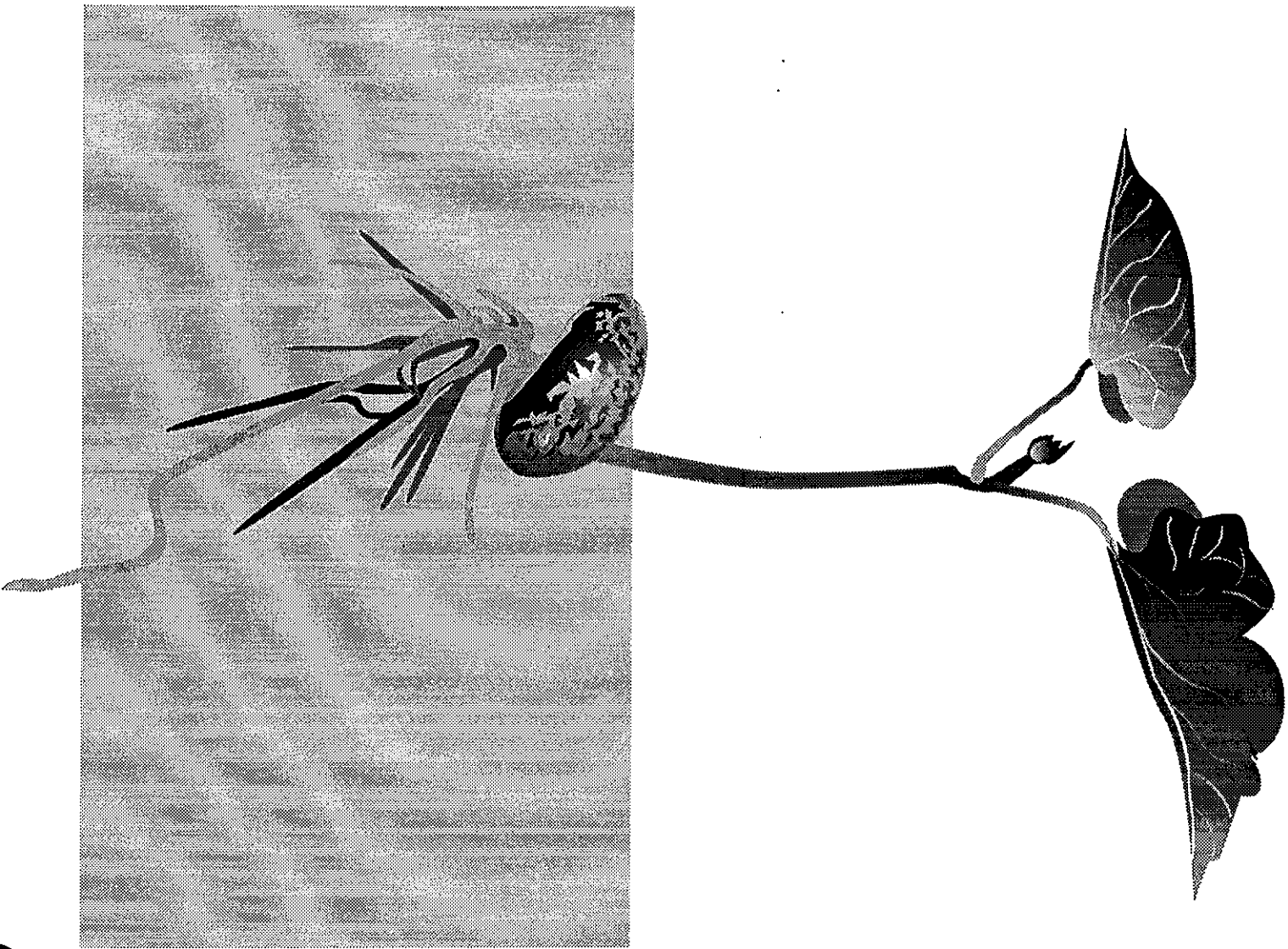


# **GROWING your own**



## Key Ideas

The conditions that plants need to grow can be created artificially. Some plants can grow from seeds. Some plants can grow from cuttings.

## Work Requirements

Students will:

- collect seeds from a chosen plant and try to grow the plant
- find out the conditions that are necessary for growth of a chosen plant
- measure and chart the growth of the plant.

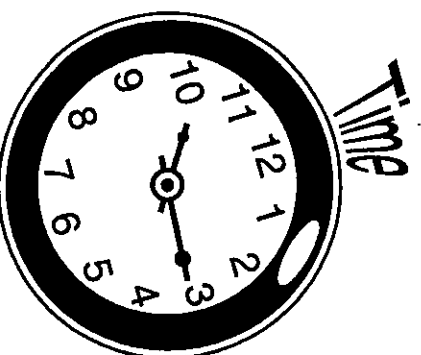
## Teacher Preparation

When choosing a plant to try to grow, look at the plants around the community that grow well.

Try to choose small plants rather than large ones.

## Materials

spade  
water  
seed  
cuttings



**1 hour**

# Student Tasks

## FOCUS

Class: You know that some plants only grow in certain seasons and conditions.

Why do you think this happens?

## INVESTIGATE

Small groups: Choose a plant that you would like to try and grow.

What does it need to grow?

Can you grow it at school?

Collect the seeds of the plant and try to grow it. *[This could be in pots in the classroom, or in a small garden.]*

## PROCESS DATA

Small groups: Observe the plant daily and measure its growth.

Write a report on the growth of a plant. *[What kind, conditions, how plants grow etc. This could be an on-going group recount.]*

## EVALUATE

Discussion: Could you grow the plant you chose?

Why do you think so?

If your plant did not grow try to find out why  
Try again.

## USE SCIENCE

Discussion: Could you grow this plant and sell it to people at different times of the year?

Which plants could be grown to sell to others (commercial growing)?

## Vocabulary

seeds, conditions, grow, survive, seasons

## Language structures and features

Use of past tense

We planted the seeds \_\_\_\_\_

Use of passive voice

The seeds were watered \_\_\_\_\_

## Genres

Written recount of growth of plant

Ask members of the community to tell you when it is the best time to collect dry seeds for growing.

CULTURAL CONSIDERATIONS • • • • •